ZEROIT-8 MANAGEMENT
USER MANUAL

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1 Overview

1.1 Introduction

Wholesale Data Clearing system supports to connect maximum 8 ZeroIT boxes via a LAN network. That is used to erase all personal data and content on numerous models of cell phone. The ZeroIT Management software runs on a Greystone ZeroIT Management will control the operation of each ZeroIT box, collect and store logfile information, upgrade device firmware, and extend license for the system.

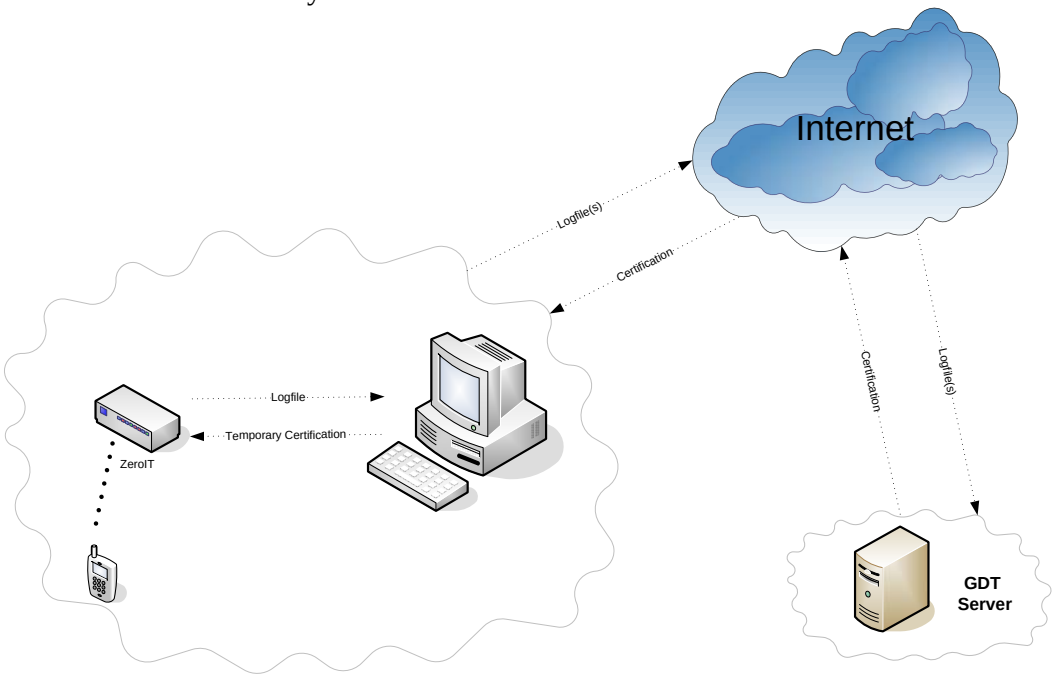

Figure 1 System overview

1.2 Features

- You can send commands to control 8 ZeroIT boxes. There are functions:
  - **Erase Phone:** You can control ZeroIT boxes to erase all personal data and content on numerous models of cell phones
  - **Upgrade Firmware:** You can upgrade new firmware for ZeroIT boxes.
  - **Restart ZeroIT:** You can restart ZeroIT boxes.
  - **Blinking LED:** You can flash the LED on ZeroIT boxes in an interval time
- **Auto-Detect:** Detect new ZeroIT box connected to local server
- **View Report:** The ZeroIT-8 Management will collect and store logfile information of cell phone that was cleared. You can view detail or save logfile information of each ZeroIT box to excel file.
- **View history:** You can view history of ZeroIT boxes. There are some information such as: connected and disconnected time, what did ZeroIT box work in the interval time connected

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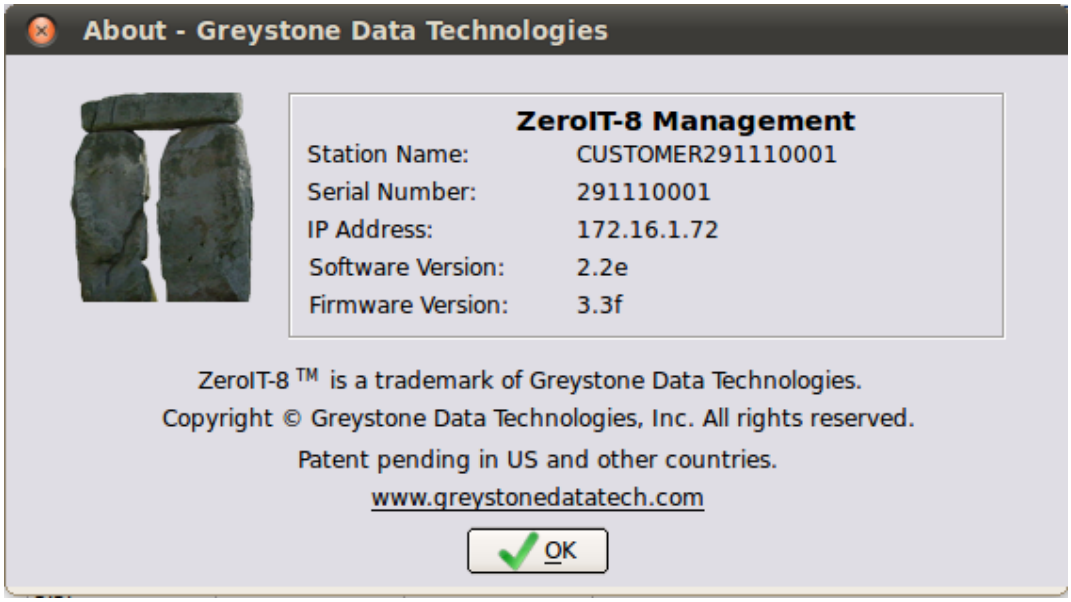
- **View Phone Information:** View information of the phone.
- **System Option:** You can set some parameters for system
- **Menu action:** Control each ZeroIT box from Menu action.
- **Order New Credits:** Exporting an excel file help customer to order new credits.
- **Connect to online server:** Sync data with Greystone Server via the Internet connection
- **Download new ZeroIT Firmware**: Download new firmware for ZeroIT box from online server.

New features introduced in next version

2 Use cases

2.1 About

Step 1: Select Help on Menu
Step 2: Select About


About - Greystone Data Technologies
ZeroIT-8 Management
Station Name: CUSTOMER291110001
Serial Number: 291110001
IP Address: 172.16.1.72
Software Version: 2.2e
Firmware Version: 3.3f
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www.greystonedatatech.com
OK

Figure 2: About window interface

2.2 Import licenses

2.2.1 Sync licenses from Online ZeroIT Website

Step 1: Start ZeroIT-8 Management and connect the internet
Step 2: The ZeroIT-8 Management will automatically sync licenses of ZeroIT boxes with Online ZeroIT Website.

2.2.2 Import licenses in offline mode

Step 1: Send an email to Greystone Administrator (mike@greystoneds.com) to request license key file for each station.

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(If you are administrator, you can go to the ZeroIT Website to make license key for customers. See "***ZeroIT Website***" section below to study how to generate license keys)

Step 2: Import the given file to the ZeroIT-8 Management by clicking Help ➔ Registration. A new window will appear.

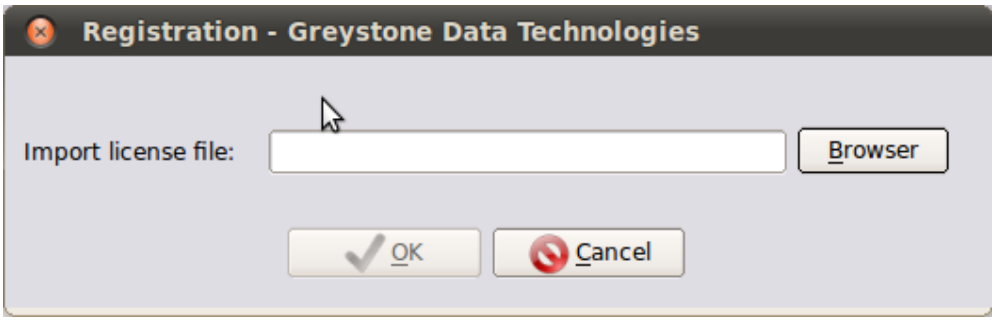

Figure 3 Registration window interface

Step 3: Click button "Browser" to select file license. Click button "OK" to register license.

2.3 Connect ZeroIT boxes to ZeroIT Management

The ZeroIT Management will manage maximum 8 ZeroIT boxes for working on time.

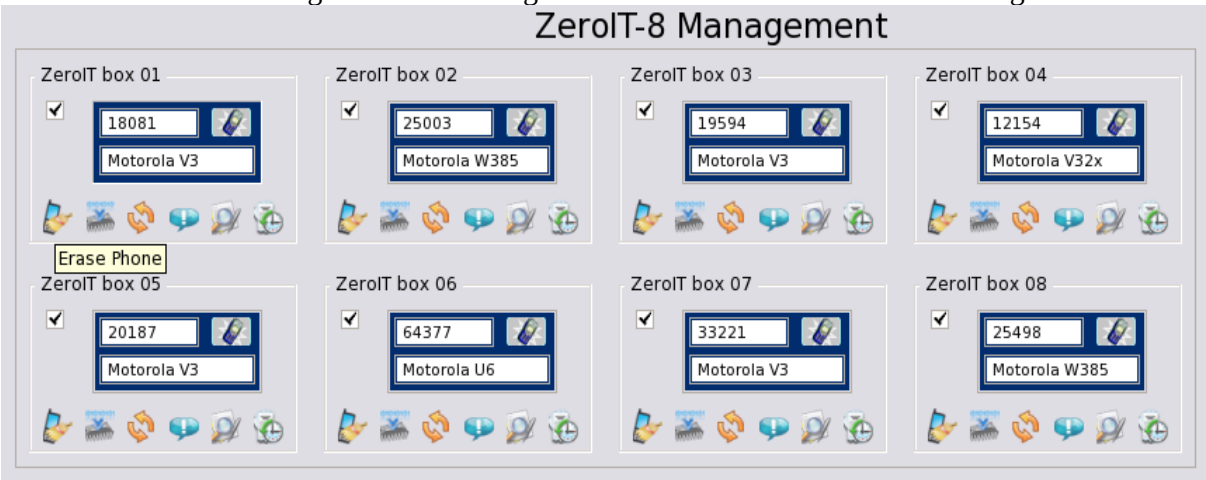

Figure 4: ZeroIT box is online on cell

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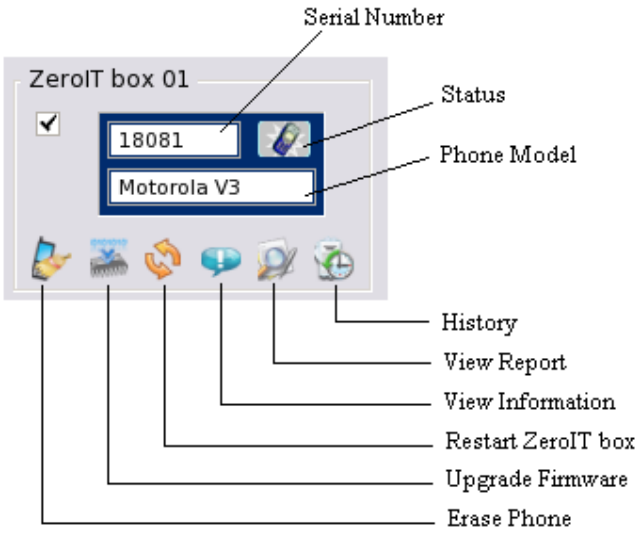

Figure 5: Information of ZeroIT box

- Step 1: Connect ZeroIT boxes to Wholesale network.
- Step 2: Turn on ZeroIT boxes
- Step 3: Setting for the ZeroIT Box connect to IP address of ZeroIT-8 Management

After that, the ZeroIT box will automatic connect to ZeroIT-8 Management.
Notes: If the ZeroIT box can not connect to ZeroIT-8 Management you will check network cable.

2.4 View detail information of each ZeroIT

You can view detail information of the ZeroIT box. There are some information such as: user ID, IP Address, ZeroIT Serial Number…

Select ZeroIT box that you want to view detail information by checking the checkbox near its name

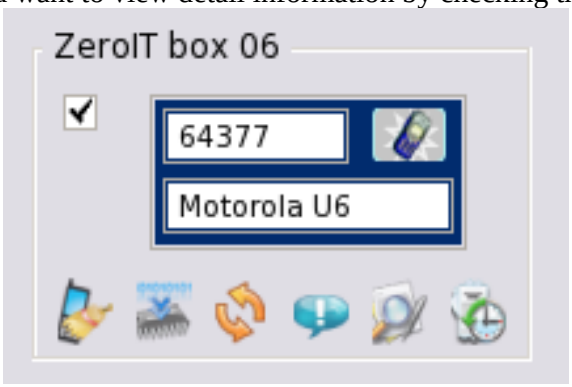

Figure 6: Select ZeroIT box online in group

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	User ID	IP Address	SN - HW - FW	Phone Model	ESN/IMEI	Status
06	Unknown	192.168.0.22	64377 - 1.2 - 2.5	Motorola U6	IMEI:35982400...	Phone connected and ready.

Figure 7: Detail information of ZeroIT boxes

2.5 Erase Phone

2.5.1 Erase many phones at the time

You can erase all data of cell phone by sending command from ZeroIT-8 Management

Step 1: Connect ZeroIT boxes to Wholesale network.
Step 2: Turn on and setup a connection of each ZeroIT box to ZeroIT-8 Management.
Step 3: Plug in phone device into ZeroIT box via USB port.
Step 4: Waiting for ZeroIT-8 Management show exactly information of phone.
Step 5: Select ZeroIT box which you want to erase all data of cell phone.
Step 6: Click button “Erase Phone”.

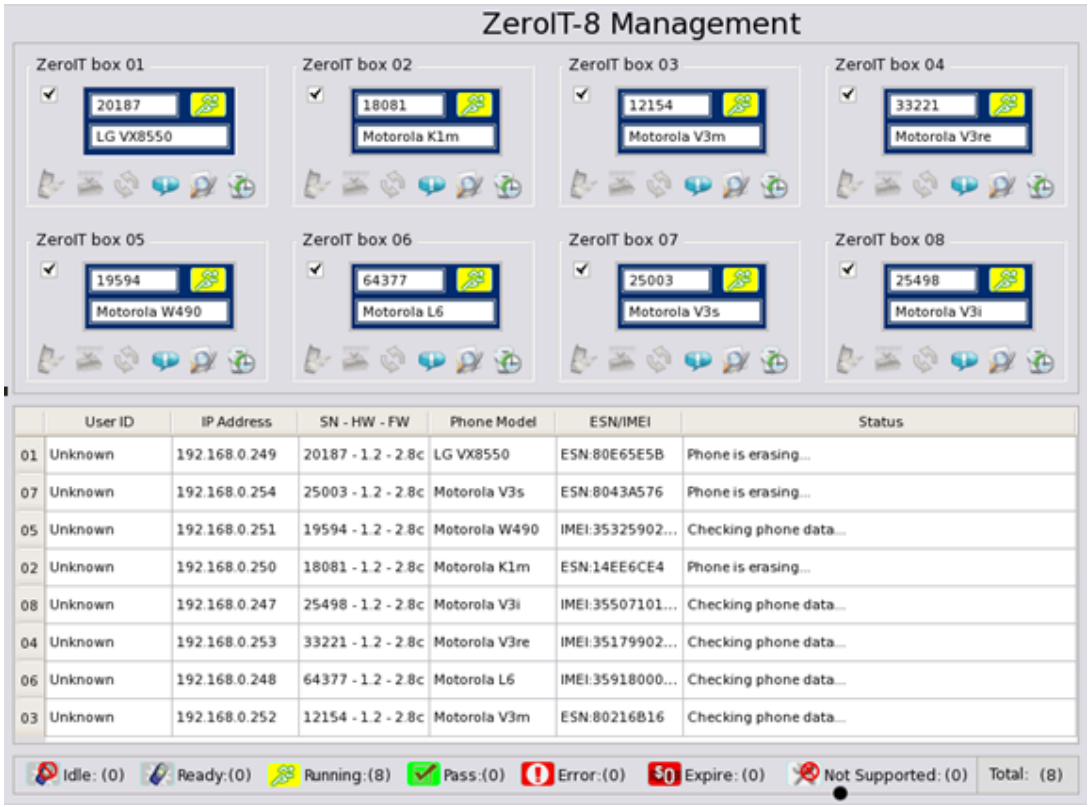
ZeroIT-8 Management
ZeroIT box 01
20187
LG VX8550
ZeroIT box 02
18081
Motorola K1m
ZeroIT box 03
12154
Motorola V3m
ZeroIT box 04
33221
Motorola V3re
ZeroIT box 05
19594
Motorola W490
ZeroIT box 06
64377
Motorola L6
ZeroIT box 07
25003
Motorola V3s
ZeroIT box 08
25498
Motorola V3i
User ID | IP Address | SN - HW - FW | Phone Model | ESN/IMEI | Status
01 Unknown 192.168.0.249 20187 - 1.2 - 2.8c LG VX8550 ESN:80E65E5B Phone is erasing...
07 Unknown 192.168.0.254 25003 - 1.2 - 2.8c Motorola V3s ESN:8043A576 Phone is erasing...
05 Unknown 192.168.0.251 19594 - 1.2 - 2.8c Motorola W490 IMEI:35325902... Checking phone data...
02 Unknown 192.168.0.250 18081 - 1.2 - 2.8c Motorola K1m ESN:14EE6CE4 Phone is erasing...
08 Unknown 192.168.0.247 25498 - 1.2 - 2.8c Motorola V3i IMEI:35507101... Checking phone data...
04 Unknown 192.168.0.253 33221 - 1.2 - 2.8c Motorola V3re IMEI:35179902... Checking phone data...
06 Unknown 192.168.0.248 64377 - 1.2 - 2.8c Motorola L6 IMEI:35918000... Checking phone data...
03 Unknown 192.168.0.252 12154 - 1.2 - 2.8c Motorola V3m ESN:80216B16 Checking phone data...
Idle: (0)
Ready:(0)
Running:(8)
Pass:(0)
Error:(0)
Expire: (0)
Not Supported: (0)
Total: (8)

Figure 8: ZeroIT box is running in erasing phone process

2.5.2 Erase one phone at the time

There are two ways to erase one phone:

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1. Click right mouse at the Serial Number of ZeroIT box on interface and select “Erase Phone” from menu action.

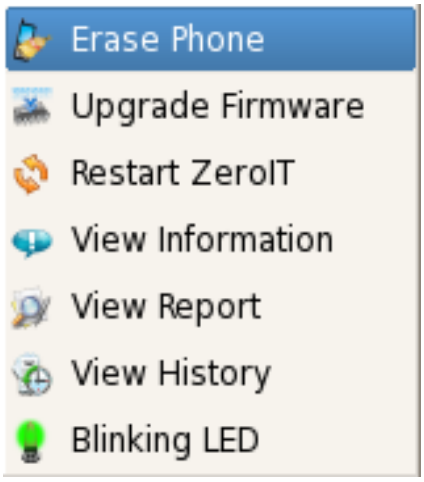

Figure 9: Erase Phone from Menu action

2. Click Erase Phone icon in the cell on interface.

2.6 Upgrade Firmware

2.6.1 Upgrade Firmware for many ZeoIT boxes at the time

You can upgrade new firmware of ZeroIT boxes from ZeroIT-8 Management

Step 1: Connect ZeroIT boxes to Wholesale network.
Step 2: Turn on and set up a connection of each ZeroIT box to ZeroIT-8 Management.
Step 3: Select ZeroIT that you want to upgrade new firmware.
Step 4: Click button “Upgrade Firmware”.
Step 5: A new window will appear, click button “Yes”.

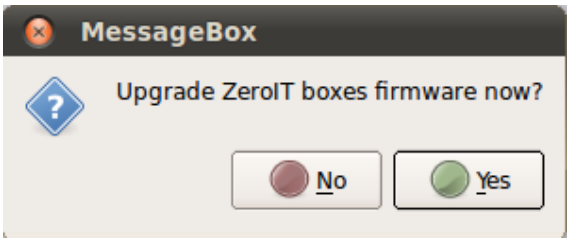

Figure 10: Confirm to Upgrade Firmware

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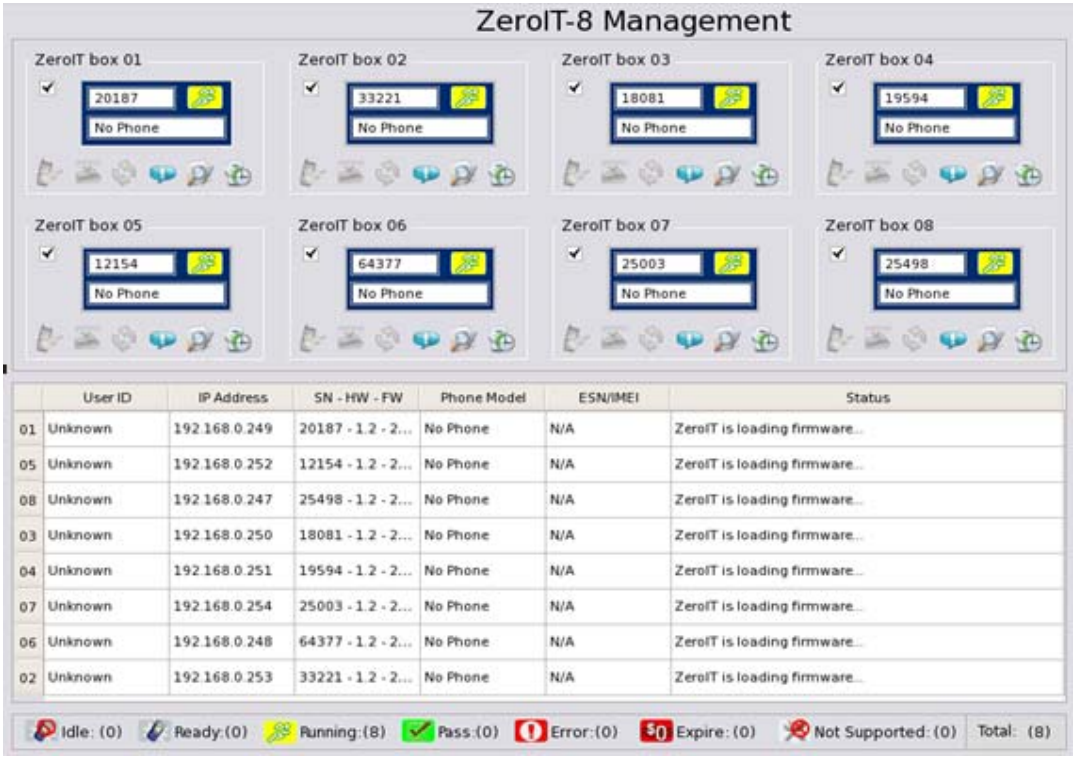
ZeroIT-8 Management
ZeroIT box 01
20187
No Phone
ZeroIT box 02
33221
No Phone
ZeroIT box 03
18081
No Phone
ZeroIT box 04
19594
No Phone
ZeroIT box 05
12154
No Phone
ZeroIT box 06
64377
No Phone
ZeroIT box 07
25003
No Phone
ZeroIT box 08
25498
No Phone
User ID
IP Address
SN - HW - FW
Phone Model
ESN/IMEI
Status
01 Unknown 192.168.0.249 20187 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
05 Unknown 192.168.0.252 12154 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
08 Unknown 192.168.0.247 25498 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
03 Unknown 192.168.0.250 18081 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
04 Unknown 192.168.0.251 19594 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
07 Unknown 192.168.0.254 25003 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
06 Unknown 192.168.0.248 64377 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
02 Unknown 192.168.0.253 33221 - 1.2 - 2... No Phone N/A ZeroIT is loading firmware...
Idle: (0)
Ready:(0)
Running:(8)
Pass:(0)
Error:(0)
Expire: (0)
Not Supported: (0)
Total: (8)

Figure 11: ZeroIT boxes is running in upgrading firmware process

2.6.2 Upgrade Firmware ZeroIT box at the time

There are two ways to erase one phone:

1. Click right mouse at the Serial Number of ZeroIT box on interface and select “Upgrade Firmware” from menu action.

2. Click Erase Phone icon in the cell on interface.

After that, a new window will appear, click button “Yes”.

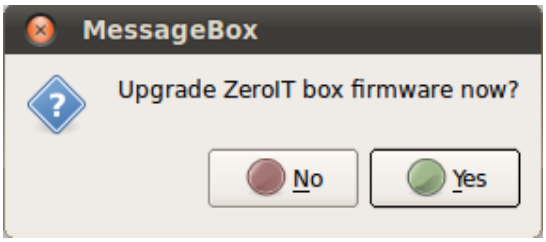

Figure 12: Confirm to upgrade new firmware a ZeroIT box

2.7 Restart ZeroIT

2.7.1 Restart many ZeoIT boxes at the time

You can remote restart the ZeroIT boxes by clicking button “Restart ZeroIT”.
Step 1: Click button “Restart ZeroIT”.
Step 2: A new window will appear, click button “Yes”.

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Figure 13: Confirm to Restart ZeroIT boxes

2.7.2 Restart ZeoIT box at the time

There are two ways to erase one phone:

1. Click right mouse at the Serial Number of ZeroIT box on interface and select "Upgrade Firmware" from menu action.

2. Click Erase Phone icon in the cell on interface.

After that, a new window will appear, click button "Yes".

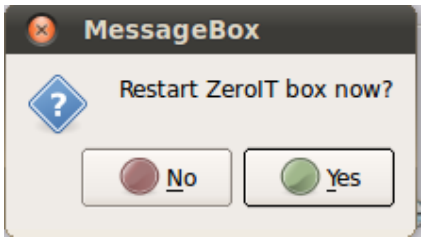

Figure 14: Confirm to Restart ZeroIT box

2.8 Blinking LED

You can recognize ZeroIT box with LED Blinking by clicking left mouse on ZeroIT serial number or select "Blinking LED" function from the Menu action.

2.9 View Report

You can view or save logfile of phone that was cleared by the ZeroIT boxes.

Step 1: Click button View Report (or View Report from Menu action/ click icon in the cell on interface)

Step 2: A new window will appear, select serial number of ZeroIT box.

Step 3: Select an item and click button Detail.

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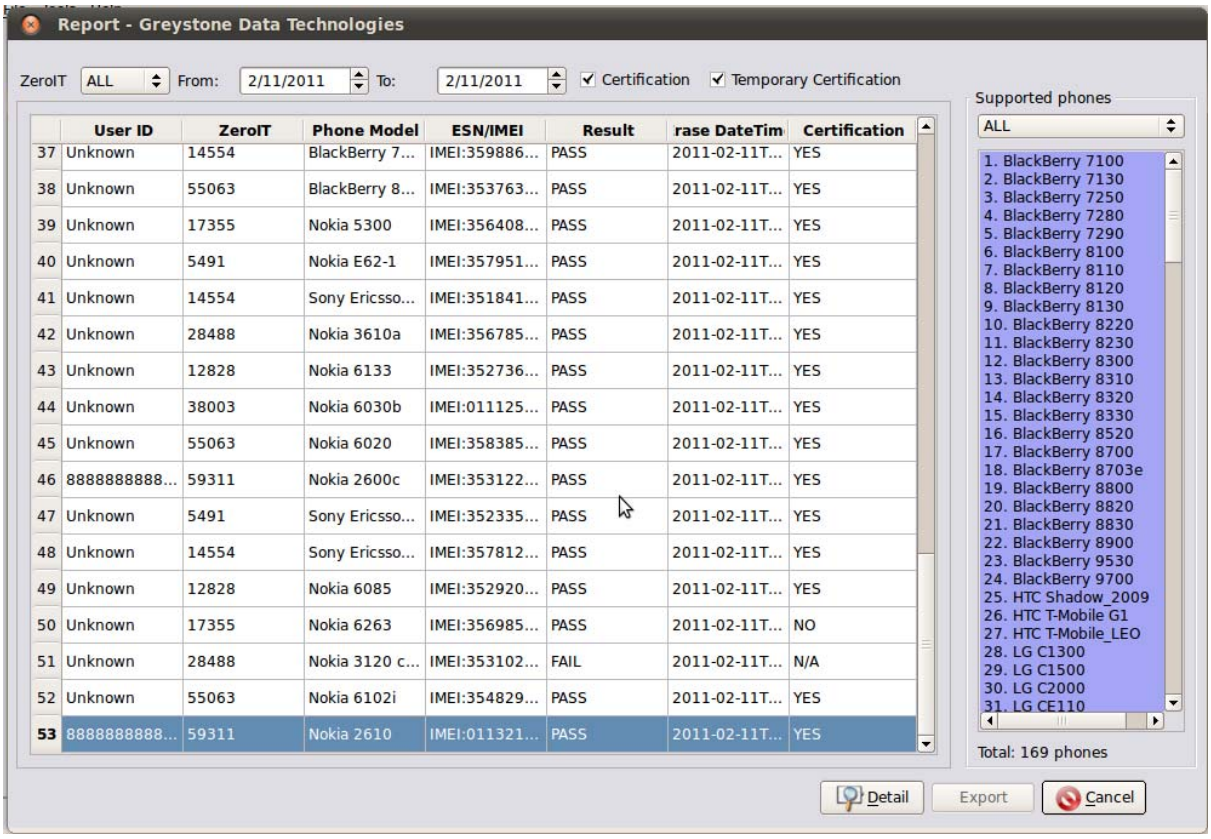

	User ID	ZeroIT	Phone Model	ESN/IMEI	Result	rase DateTim	Certification
37	Unknown	14554	BlackBerry 7...	IMEI:359886...	PASS	2011-02-11T...	YES
38	Unknown	55063	BlackBerry 8...	IMEI:353763...	PASS	2011-02-11T...	YES
39	Unknown	17355	Nokia 5300	IMEI:356408...	PASS	2011-02-11T...	YES
40	Unknown	5491	Nokia E62-1	IMEI:357951...	PASS	2011-02-11T...	YES
41	Unknown	14554	Sony Ericsso...	IMEI:351841...	PASS	2011-02-11T...	YES
42	Unknown	28488	Nokia 3610a	IMEI:356785...	PASS	2011-02-11T...	YES
43	Unknown	12828	Nokia 6133	IMEI:352736...	PASS	2011-02-11T...	YES
44	Unknown	38003	Nokia 6030b	IMEI:011125...	PASS	2011-02-11T...	YES
45	Unknown	55063	Nokia 6020	IMEI:358385...	PASS	2011-02-11T...	YES
46	8888888888...	59311	Nokia 2600c	IMEI:353122...	PASS	2011-02-11T...	YES
47	Unknown	5491	Sony Ericsso...	IMEI:352335...	PASS	2011-02-11T...	YES
48	Unknown	14554	Sony Ericsso...	IMEI:357812...	PASS	2011-02-11T...	YES
49	Unknown	12828	Nokia 6085	IMEI:352920...	PASS	2011-02-11T...	YES
50	Unknown	17355	Nokia 6263	IMEI:356985...	PASS	2011-02-11T...	NO
51	Unknown	28488	Nokia 3120 c...	IMEI:353102...	FAIL	2011-02-11T...	N/A
52	Unknown	55063	Nokia 6102i	IMEI:354829...	PASS	2011-02-11T...	YES
53	8888888888...	59311	Nokia 2610	IMEI:011321...	PASS	2011-02-11T...	YES

Figure 15: Report window interface

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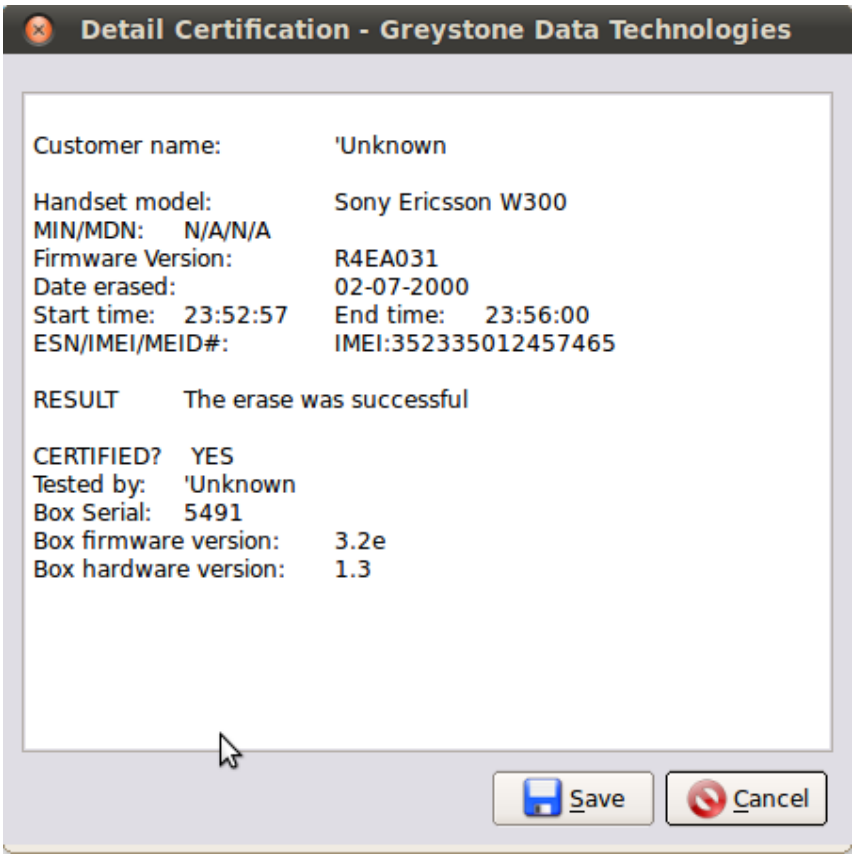

Figure 16: Detail Certification

2.10 View Phone information

After the ZeroIT box was connected to ZeroIT-8 Management with status is ready, you can view some information of the Phone by following 2 steps:

Step 1: Click right mouse on ZeroIT box's serial number

Step 2: Select "View information"

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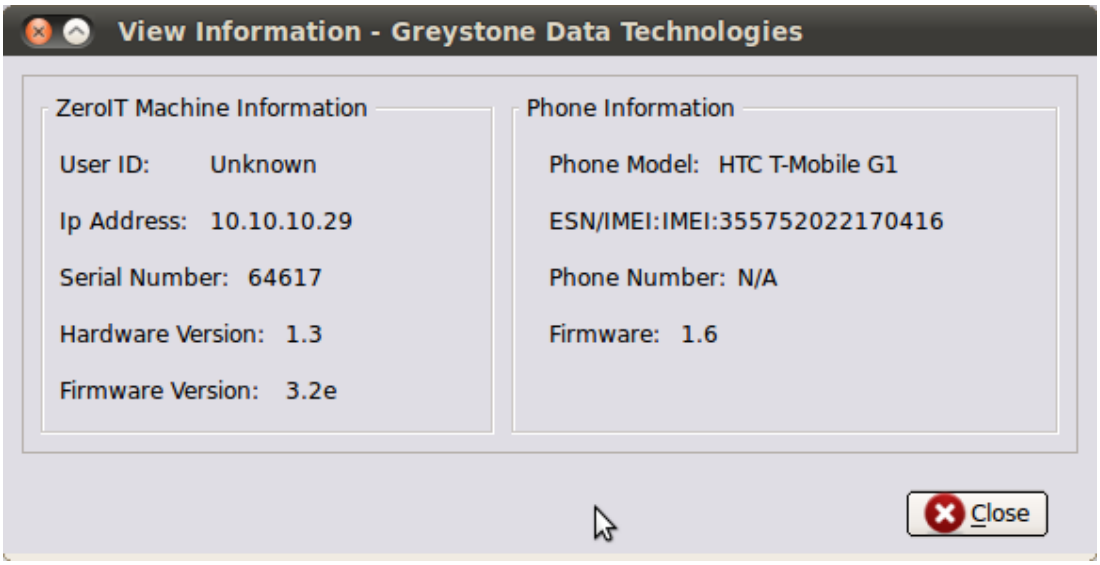

Figure 17: Phone information interface

Another way, you can click icon in the cell on interface.

2.11 View History

Following are steps that you can view history of ZeroIT-8 Management:

Step 1: Click button History

Step 2: A new window will appear, select serial number of ZeroIT box that you want to view history.

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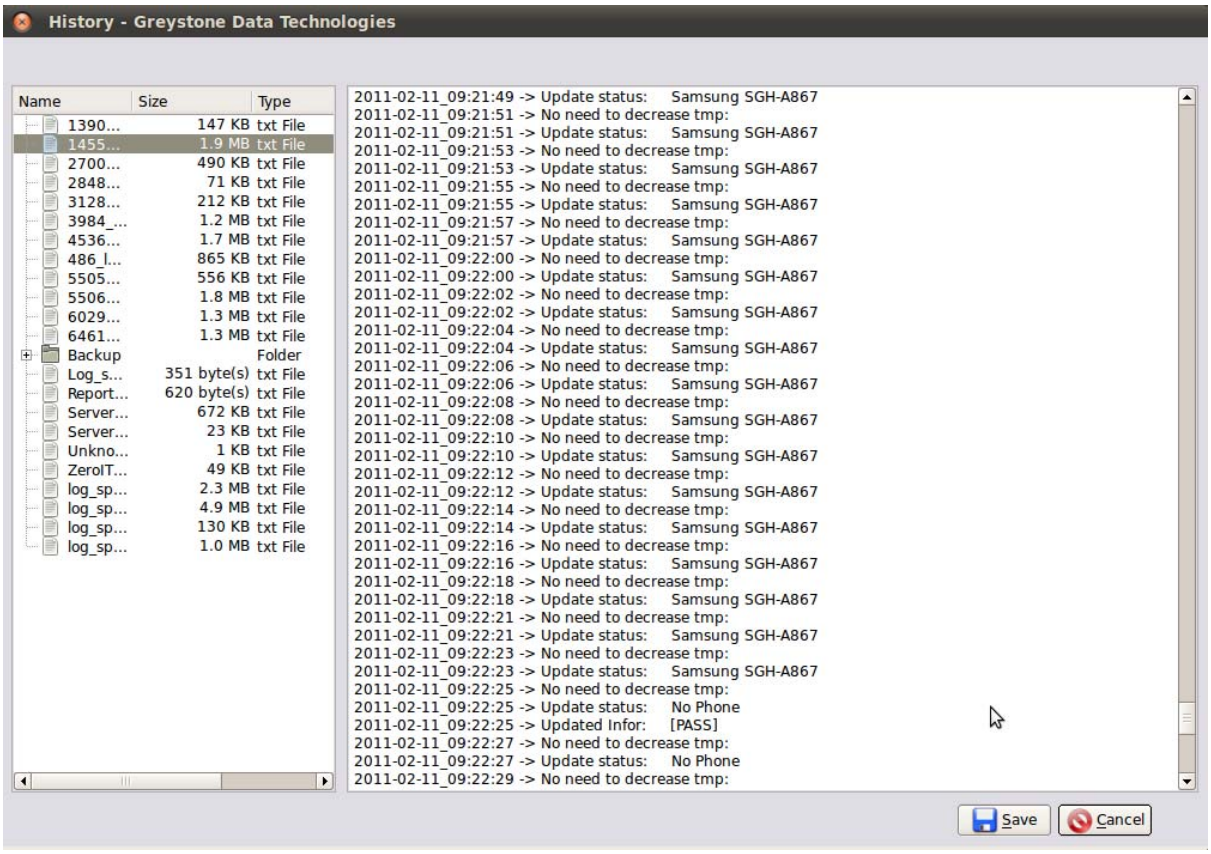
History - Greystone Data Technologies
Name
Size
Type
1390... 147 KB txt File
1455... 1.9 MB txt File
2700... 490 KB txt File
2848... 71 KB txt File
3128... 212 KB txt File
3984_... 1.2 MB txt File
4536... 1.7 MB txt File
486_l... 865 KB txt File
5505... 556 KB txt File
5506... 1.8 MB txt File
6029... 1.3 MB txt File
6461... 1.3 MB txt File
Backup Folder
Log_s... 351 byte(s) txt File
Report... 620 byte(s) txt File
Server... 672 KB txt File
Server... 23 KB txt File
Unkno... 1 KB txt File
ZeroIT... 49 KB txt File
log_sp... 2.3 MB txt File
log_sp... 4.9 MB txt File
log_sp... 130 KB txt File
log_sp... 1.0 MB txt File
2011-02-11_09:21:49 -> Update status: Samsung SGH-A867
2011-02-11_09:21:51 -> No need to decrease tmp:
2011-02-11_09:21:51 -> Update status: Samsung SGH-A867
2011-02-11_09:21:53 -> No need to decrease tmp:
2011-02-11_09:21:53 -> Update status: Samsung SGH-A867
2011-02-11_09:21:55 -> No need to decrease tmp:
2011-02-11_09:21:55 -> Update status: Samsung SGH-A867
2011-02-11_09:21:57 -> No need to decrease tmp:
2011-02-11_09:21:57 -> Update status: Samsung SGH-A867
2011-02-11_09:22:00 -> No need to decrease tmp:
2011-02-11_09:22:00 -> Update status: Samsung SGH-A867
2011-02-11_09:22:02 -> No need to decrease tmp:
2011-02-11_09:22:02 -> Update status: Samsung SGH-A867
2011-02-11_09:22:04 -> No need to decrease tmp:
2011-02-11_09:22:04 -> Update status: Samsung SGH-A867
2011-02-11_09:22:06 -> No need to decrease tmp:
2011-02-11_09:22:06 -> Update status: Samsung SGH-A867
2011-02-11_09:22:08 -> No need to decrease tmp:
2011-02-11_09:22:08 -> Update status: Samsung SGH-A867
2011-02-11_09:22:10 -> No need to decrease tmp:
2011-02-11_09:22:10 -> Update status: Samsung SGH-A867
2011-02-11_09:22:12 -> No need to decrease tmp:
2011-02-11_09:22:12 -> Update status: Samsung SGH-A867
2011-02-11_09:22:14 -> No need to decrease tmp:
2011-02-11_09:22:14 -> Update status: Samsung SGH-A867
2011-02-11_09:22:16 -> No need to decrease tmp:
2011-02-11_09:22:16 -> Update status: Samsung SGH-A867
2011-02-11_09:22:18 -> No need to decrease tmp:
2011-02-11_09:22:18 -> Update status: Samsung SGH-A867
2011-02-11_09:22:21 -> No need to decrease tmp:
2011-02-11_09:22:21 -> Update status: Samsung SGH-A867
2011-02-11_09:22:23 -> No need to decrease tmp:
2011-02-11_09:22:23 -> Update status: Samsung SGH-A867
2011-02-11_09:22:25 -> No need to decrease tmp:
2011-02-11_09:22:25 -> Update status: No Phone
2011-02-11_09:22:25 -> Updated Infor: [PASS]
2011-02-11_09:22:27 -> No need to decrease tmp:
2011-02-11_09:22:27 -> Update status: No Phone
2011-02-11_09:22:29 -> No need to decrease tmp:
Save
Cancel

Figure 18: History window interface

2.12 System Options

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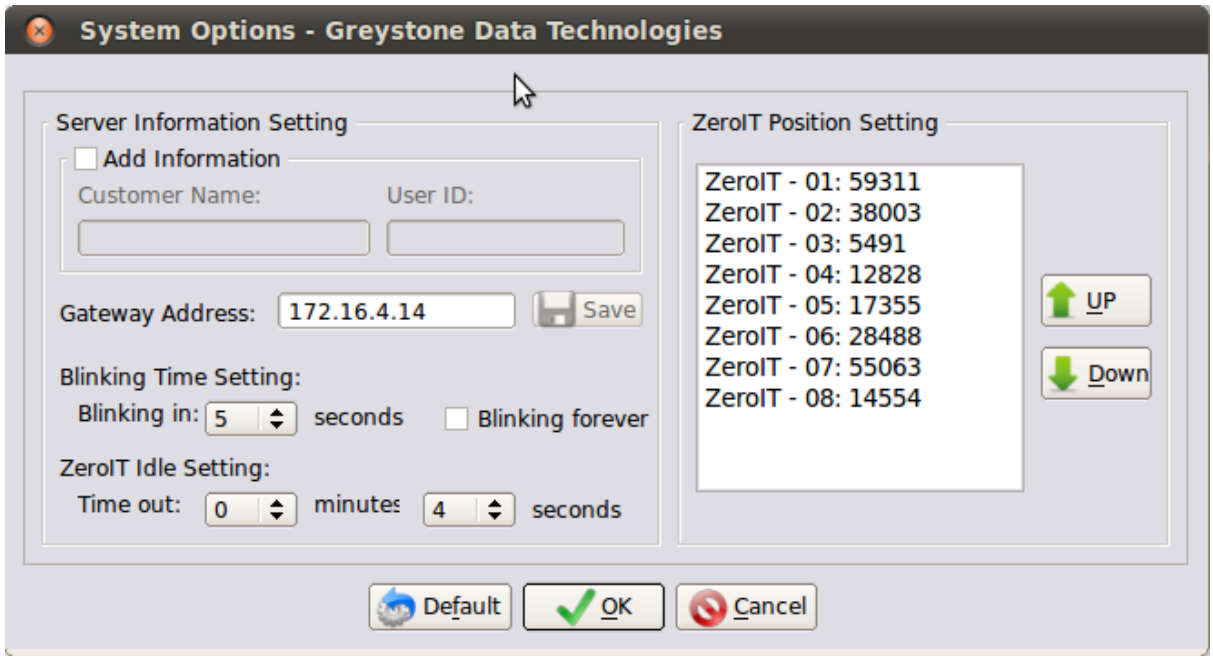

Figure 19: System Options interface

Step 1: Click Tools ➔ System Options
Step 2: Change some parameter
Step 3: Click button “OK” to become effective change setting

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2.13 BlackBerry Erasement Options

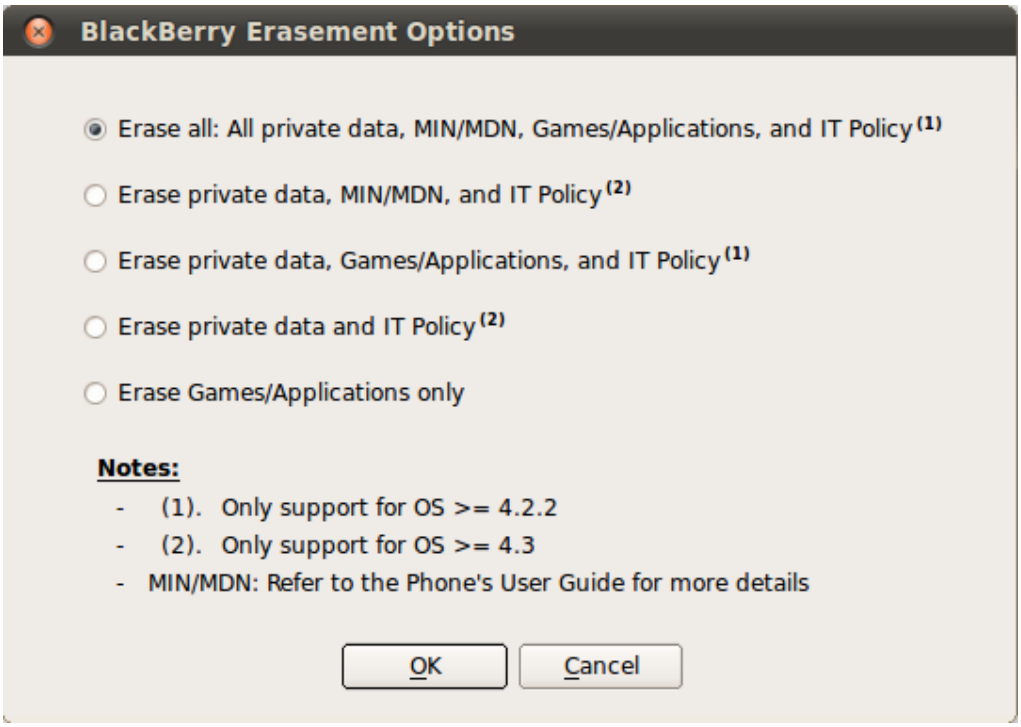
BlackBerry Erasement Options
Erase all: All private data, MIN/MDN, Games/Applications, and IT Policy (1)
Erase private data, MIN/MDN, and IT Policy (2)
Erase private data, Games/Applications, and IT Policy (1)
Erase private data and IT Policy (2)
Erase Games/Applications only
Notes:
- (1). Only support for OS >= 4.2.2
- (2). Only support for OS >= 4.3
- MIN/MDN: Refer to the Phone's User Guide for more details
OK
Cancel

Figure 20: BlackBerry Erasement Options interface

Step 1: Click Tools ➔ BlackBerry Erasement Options.
Step 2: Choose 1 of 4 options.
Step 3: Click button “OK” to become effective change setting.

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2.14 Add new account

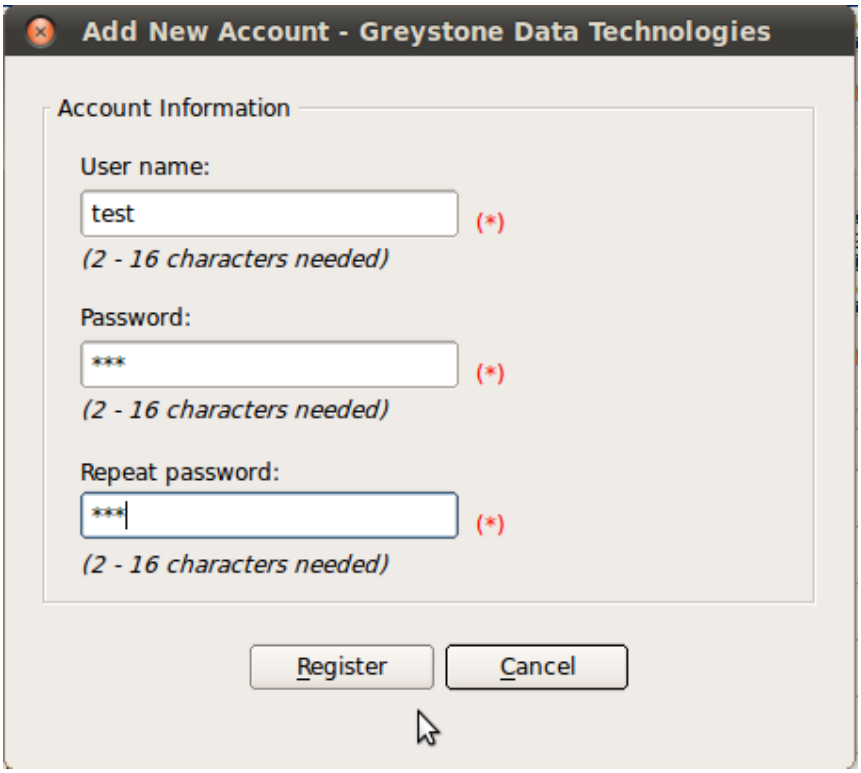

Figure 21: Add New Account

Step 1: Click "Help" ➔ Add New Account.
Step 2: Fill: User name, Password, Repeat password.
Step 3: Click Register button.

2.15 Menu action for each ZeroIT box

We are supported function control ZeroIT boxes from Menu action when user clicks right mouse at ZeroIT's serial number on interface.
Functions in the Menu include:

Erase Phone – Starts erase phone for one ZeroIT box operation
Upgrade Firmware – Starts upgrade new firmware for one ZeroIT box operation.
Restart ZeroIT – Remote restart one ZeroIT box
View Information – View information of one ZeroIT box
View Report – View report of one ZeroIT box
View History – Show History of one ZeroIT box
Blinking LED – Blinking Led of one Zero IT box

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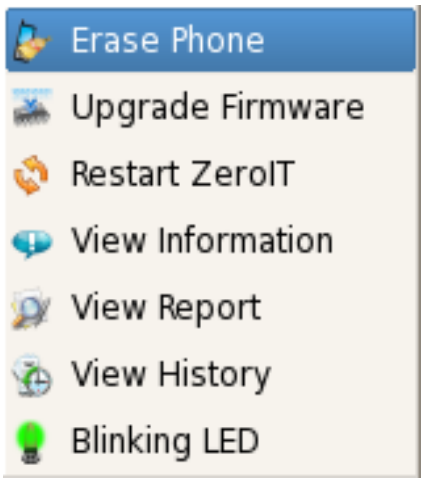

Figure 22: View menu actions

2.16 Detect new ZeroIT Box connected

If the ZeroIT box is not existed in local server connected to ZeroIT-8 Management then appears this message

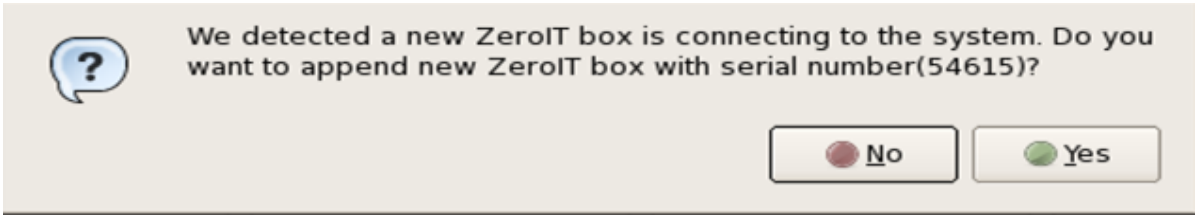
We detected a new ZeroIT box is connecting to the system. Do you want to append new ZeroIT box with serial number(54615)?
No
Yes

Figure 23: New ZeroIT box connected

After that, click button “Yes” then new window will appear

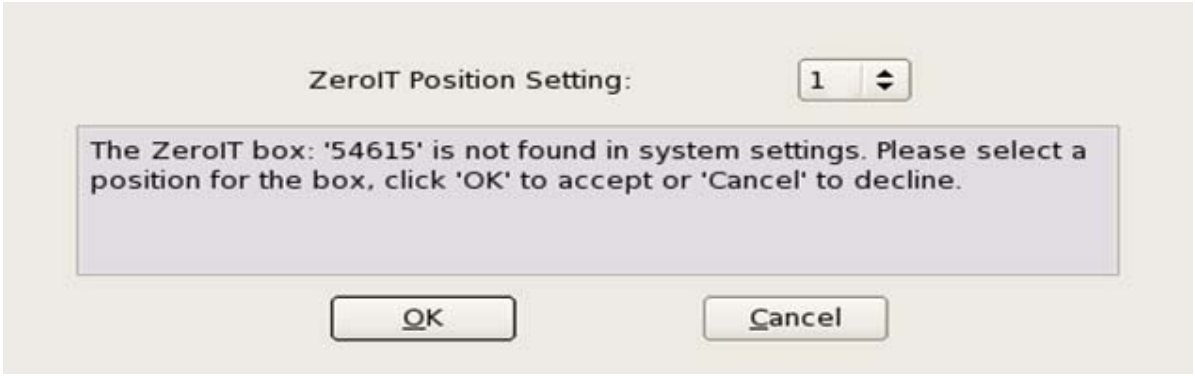
ZeroIT Position Setting:
1
The ZeroIT box: '54615' is not found in system settings. Please select a position for the box, click 'OK' to accept or 'Cancel' to decline.
OK
Cancel

Figure 24: Set Position for new ZeroIT box

2.17 Download new firmware

Step 1: Go to Help ➔ Check ZeroIT Firmware

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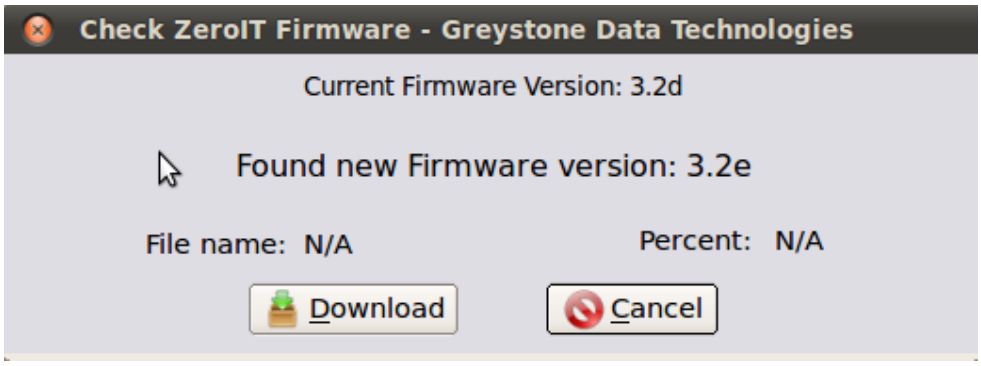

Figure 25: Check new firmware

Step 2: Click button Download and wait…

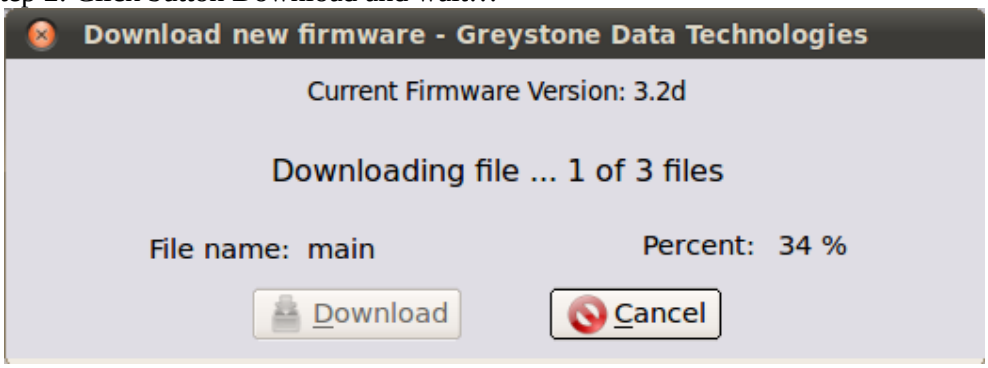

Figure 26: Downloading new firmware

Step 3: After the downloading is completed, click button “OK”

2.18 Order new credit

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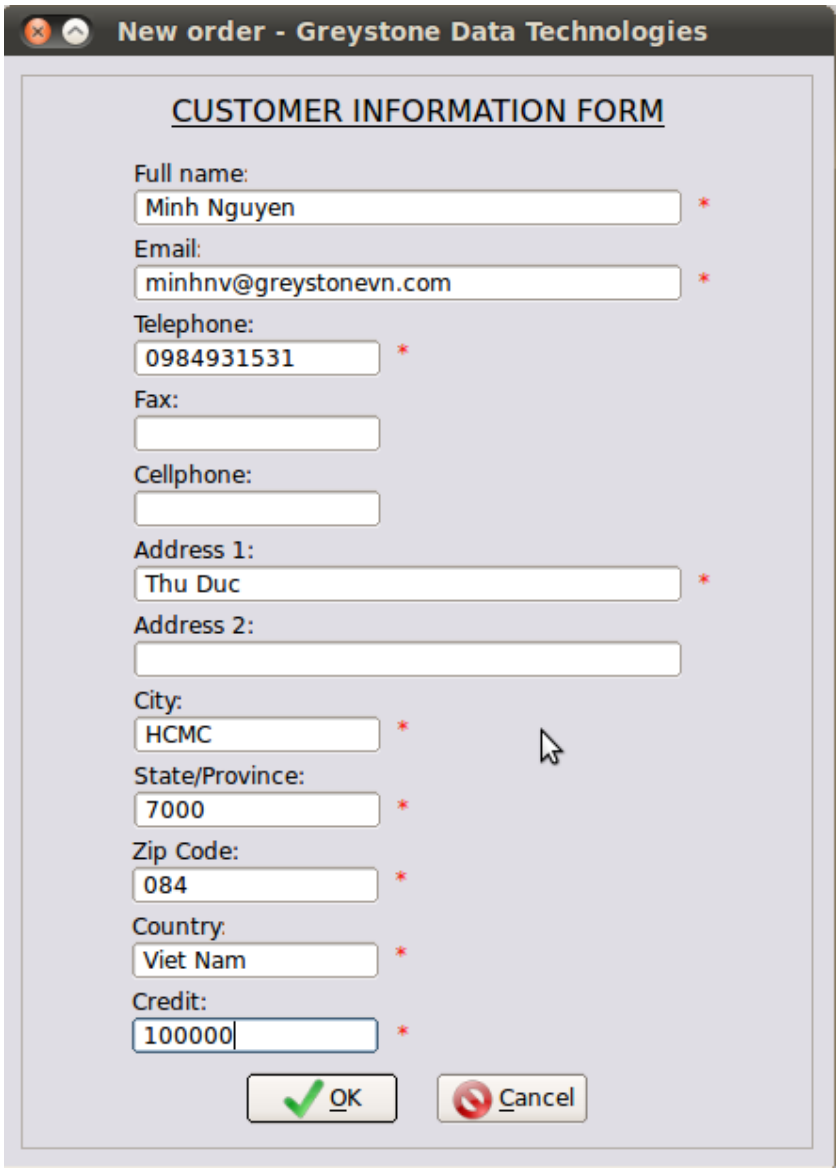

Figure 27: New order window interface

2.19 Renew credit

Click button “Renew” to update your credit from online server

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Figure 28: Renew credit

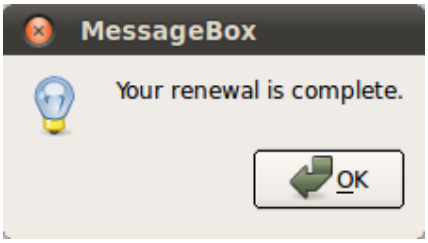

Figure 29: Renewal complete

2.20 Exit

Step 1: Click button exit or icon close
Step 2: Click “Yes” to exit program

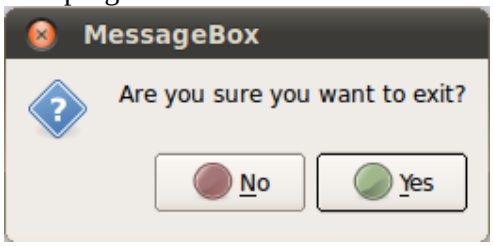

Figure 30: Confirm to exit program

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3 User interface

3.1 Menu

File Tools Help : The menu contains shortcut icons to invoke most of the operations.

File Menu

Exit - Exit program.

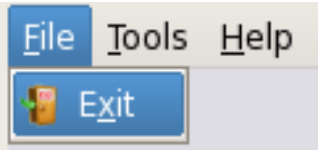

Figure 31: Menu Exit

Tools Menu

Erase Phone - Starts erase phone operation.
Upgrade Firmware - Starts upgrade new firmware operation.
Restart ZeroIT - Remote restart ZeroIT boxes.
View Report - Show Report interface.
History - Show History interface.
System Options - Show System Option interface.
BlackBerry Erasement Options – Show BlackBerry Erasement Options

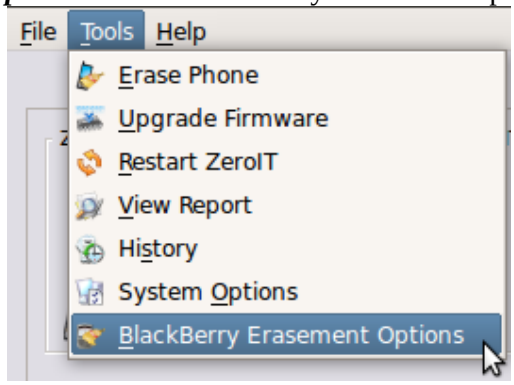

Figure 32: Menu Tools

Help Menu

Order New Credit - Show new order interface.
Registration - Show Registration interface.
Check ZeroIT Firmware - Show Check new firmware interface.
About - Show About interface.

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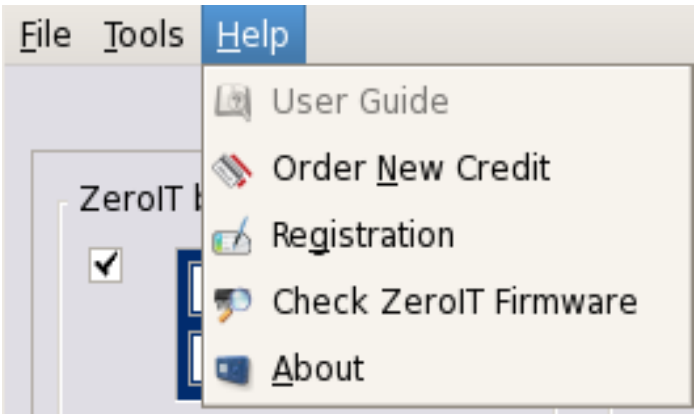

Figure 33: Menu Help

3.2 ZeroIT-8 Management

In the Wholesale mode, the ZeroIT Management will manage maximum 8 ZeroIT boxes. All eight ZeroIT boxes were displayed their status in a single window with fifty cells alternately. Each ZeroIT Box will locate a single cell. A cell has three parts: serial number of ZeroIT, status icon and the name of phone model that the ZeroIT is working with.

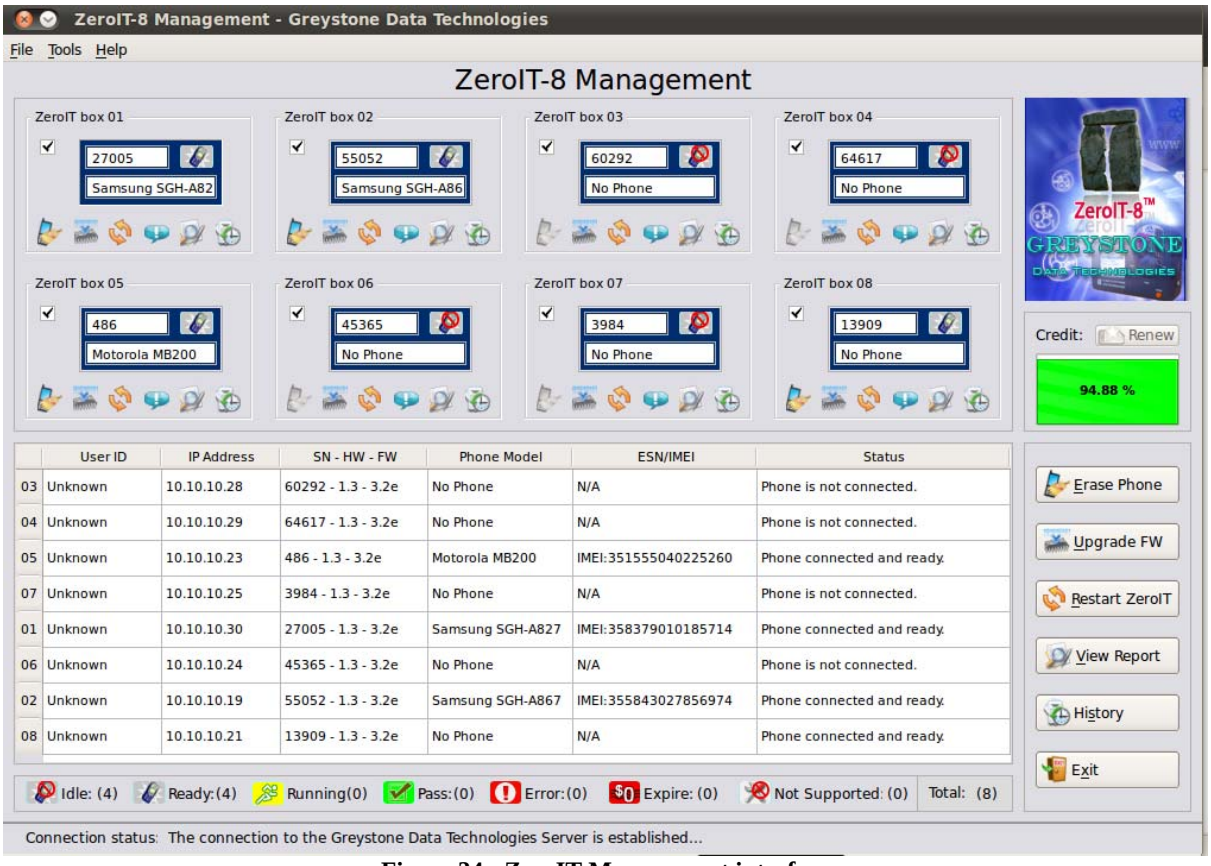
ZeroIT-8 Management - Greystone Data Technologies
File Tools Help
ZeroIT-8 Management
ZeroIT box 01
27005
Samsung SGH-A82
ZeroIT box 02
55052
Samsung SGH-A86
ZeroIT box 03
60292
No Phone
ZeroIT box 04
64617
No Phone
ZeroIT box 05
486
Motorola MB200
ZeroIT box 06
45365
No Phone
ZeroIT box 07
3984
No Phone
ZeroIT box 08
13909
No Phone
ZeroIT-8™
GREYSTONE
Credit:
Renew
94.88 %
User ID | IP Address | SN - HW - FW | Phone Model | ESN/IMEI | Status
03 Unknown | 10.10.10.28 | 60292 - 1.3 - 3.2e | No Phone | N/A | Phone is not connected.
04 Unknown | 10.10.10.29 | 64617 - 1.3 - 3.2e | No Phone | N/A | Phone is not connected.
05 Unknown | 10.10.10.23 | 486 - 1.3 - 3.2e | Motorola MB200 | IMEI:351555040225260 | Phone connected and ready.
07 Unknown | 10.10.10.25 | 3984 - 1.3 - 3.2e | No Phone | N/A | Phone is not connected.
01 Unknown | 10.10.10.30 | 27005 - 1.3 - 3.2e | Samsung SGH-A827 | IMEI:358379010185714 | Phone connected and ready.
06 Unknown | 10.10.10.24 | 45365 - 1.3 - 3.2e | No Phone | N/A | Phone is not connected.
02 Unknown | 10.10.10.19 | 55052 - 1.3 - 3.2e | Samsung SGH-A867 | IMEI:355843027856974 | Phone connected and ready.
08 Unknown | 10.10.10.21 | 13909 - 1.3 - 3.2e | No Phone | N/A | Phone connected and ready.
Erase Phone
Upgrade FW
Restart ZeroIT
View Report
History
Exit
Idle: (4)
Ready:(4)
Running(0)
Pass:(0)
Error:(0)
Expire: (0)
Not Supported: (0)
Total: (8)
Connection status: The connection to the Greystone Data Technologies Server is established...

Figure 34: ZeroIT Management interface

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The status icon will have four states:

- White icon stands for a message, which is, which is “The ZeroIT box is ready to work” but there is no phone connected to ZeroIT box.
- White icon stands for a message, which is, which is “The ZeroIT box is ready to work”.
- Green icon stands for a message, which is “The ZeroIT is in running mode e.g it is erasing a phone information”.
- Green icon stands for a message, which is “The ZeroIT box is just successful in a working session.”in running mode e.g it is clearing a phone information”.
- Red icon stands for a message, which is “The ZeroIT and ZeroIT-8 Management got some troubles”. In this case, user should view log files to track problems.
- Red icon stands for a message, which is “Your credit is expired”
- Red icon stands for a message, which is “This Phone Model is not supported to clear data by the ZeroIT box.

3.3 About

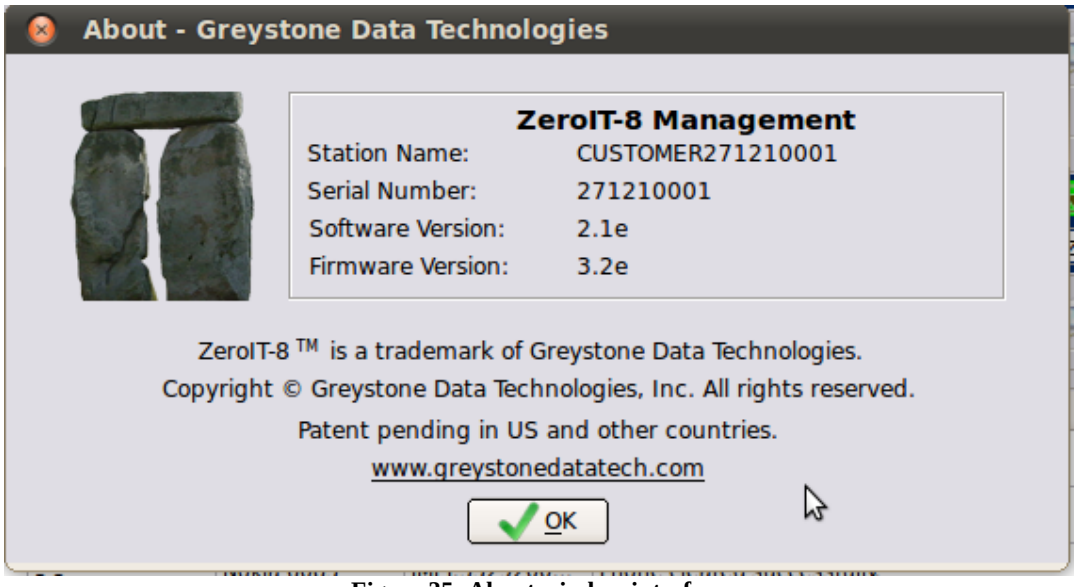
About - Greystone Data Technologies
ZeroIT-8 Management
Station Name: CUSTOMER271210001
Serial Number: 271210001
Software Version: 2.1e
Firmware Version: 3.2e
ZeroIT-8 ™ is a trademark of Greystone Data Technologies.
Copyright © Greystone Data Technologies, Inc. All rights reserved.
Patent pending in US and other countries.
www.greystonedatatech.com
OK

Figure 35: About window interface

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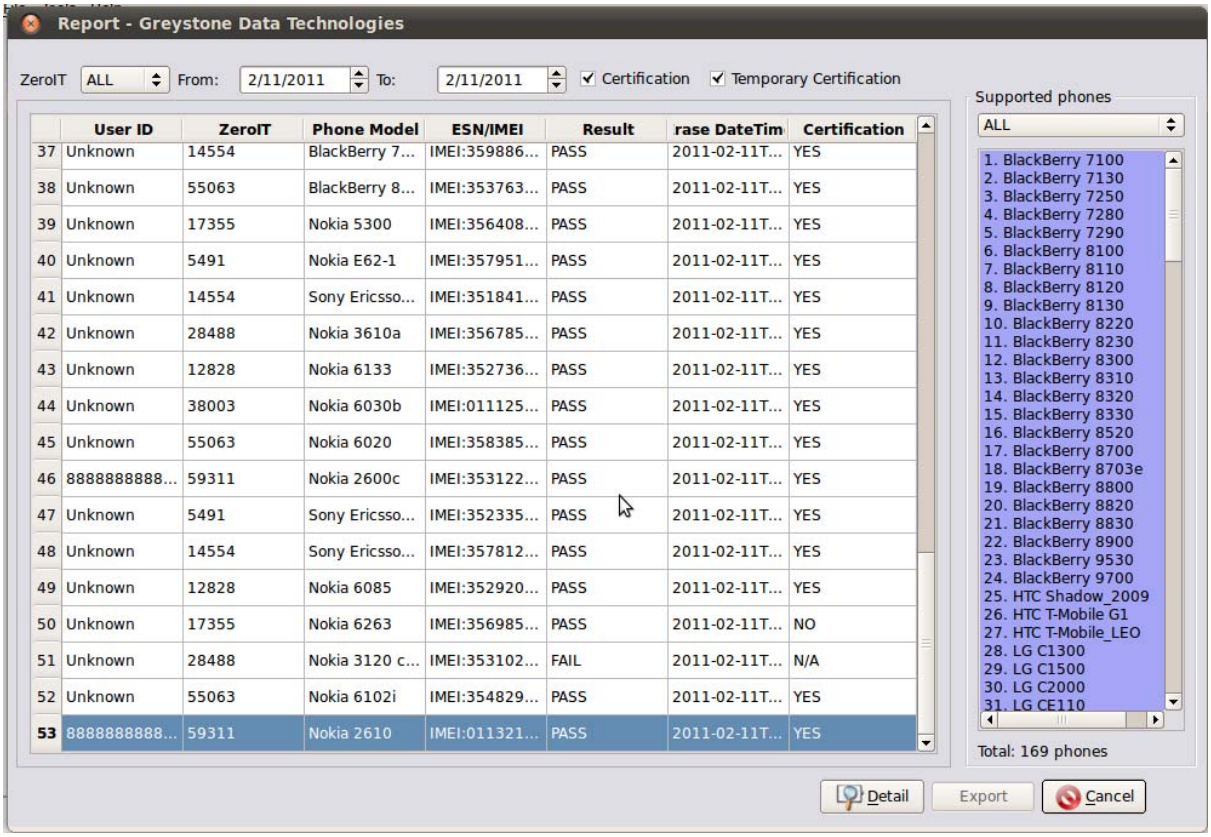
3.4 Report



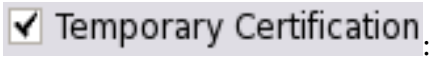
	User ID	ZeroIT	Phone Model	ESN/IMEI	Result	rase DateTim	Certification
37	Unknown	14554	BlackBerry 7...	IMEI:359886...	PASS	2011-02-11T...	YES
38	Unknown	55063	BlackBerry 8...	IMEI:353763...	PASS	2011-02-11T...	YES
39	Unknown	17355	Nokia 5300	IMEI:356408...	PASS	2011-02-11T...	YES
40	Unknown	5491	Nokia E62-1	IMEI:357951...	PASS	2011-02-11T...	YES
41	Unknown	14554	Sony Ericsso...	IMEI:351841...	PASS	2011-02-11T...	YES
42	Unknown	28488	Nokia 3610a	IMEI:356785...	PASS	2011-02-11T...	YES
43	Unknown	12828	Nokia 6133	IMEI:352736...	PASS	2011-02-11T...	YES
44	Unknown	38003	Nokia 6030b	IMEI:011125...	PASS	2011-02-11T...	YES
45	Unknown	55063	Nokia 6020	IMEI:358385...	PASS	2011-02-11T...	YES
46	8888888888...	59311	Nokia 2600c	IMEI:353122...	PASS	2011-02-11T...	YES
47	Unknown	5491	Sony Ericsso...	IMEI:352335...	PASS	2011-02-11T...	YES
48	Unknown	14554	Sony Ericsso...	IMEI:357812...	PASS	2011-02-11T...	YES
49	Unknown	12828	Nokia 6085	IMEI:352920...	PASS	2011-02-11T...	YES
50	Unknown	17355	Nokia 6263	IMEI:356985...	PASS	2011-02-11T...	NO
51	Unknown	28488	Nokia 3120 c...	IMEI:353102...	FAIL	2011-02-11T...	N/A
52	Unknown	55063	Nokia 6102i	IMEI:354829...	PASS	2011-02-11T...	YES
53	8888888888...	59311	Nokia 2610	IMEI:011321...	PASS	2011-02-11T...	YES

Figure 36: Report window interface

: To select a ZeroIT box that you want to show logfile list.

: Show logfile list between From/To fields.

: Show logfile list of phones that received certification from Online ZeroIT Website.



: Show logfile list are temporary certification. You should connect ZeroIT-8 Management to the internet. The ZeroIT-8 Management will automatically sync these temporary certifications with the Online ZeroIT Website.

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3.5 History

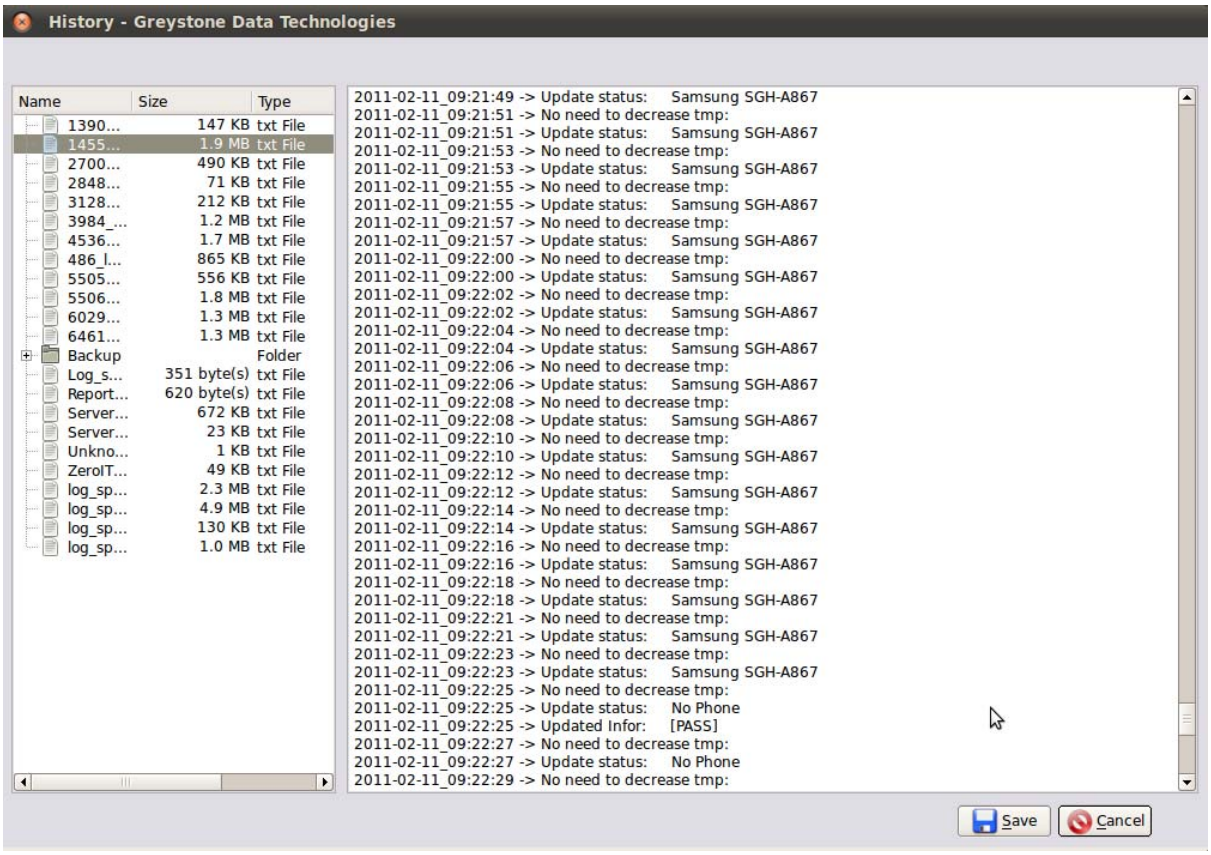
History - Greystone Data Technologies
Name
Size
Type
1390... 147 KB txt File
1455... 1.9 MB txt File
2700... 490 KB txt File
2848... 71 KB txt File
3128... 212 KB txt File
3984_... 1.2 MB txt File
4536... 1.7 MB txt File
486_l... 865 KB txt File
5505... 556 KB txt File
5506... 1.8 MB txt File
6029... 1.3 MB txt File
6461... 1.3 MB txt File
Backup Folder
Log_s... 351 byte(s) txt File
Report... 620 byte(s) txt File
Server... 672 KB txt File
Server... 23 KB txt File
Unkno... 1 KB txt File
ZeroIT... 49 KB txt File
log_sp... 2.3 MB txt File
log_sp... 4.9 MB txt File
log_sp... 130 KB txt File
log_sp... 1.0 MB txt File
2011-02-11_09:21:49 -> Update status: Samsung SGH-A867
2011-02-11_09:21:51 -> No need to decrease tmp:
2011-02-11_09:21:51 -> Update status: Samsung SGH-A867
2011-02-11_09:21:53 -> No need to decrease tmp:
2011-02-11_09:21:53 -> Update status: Samsung SGH-A867
2011-02-11_09:21:55 -> No need to decrease tmp:
2011-02-11_09:21:55 -> Update status: Samsung SGH-A867
2011-02-11_09:21:57 -> No need to decrease tmp:
2011-02-11_09:21:57 -> Update status: Samsung SGH-A867
2011-02-11_09:22:00 -> No need to decrease tmp:
2011-02-11_09:22:00 -> Update status: Samsung SGH-A867
2011-02-11_09:22:02 -> No need to decrease tmp:
2011-02-11_09:22:02 -> Update status: Samsung SGH-A867
2011-02-11_09:22:04 -> No need to decrease tmp:
2011-02-11_09:22:04 -> Update status: Samsung SGH-A867
2011-02-11_09:22:06 -> No need to decrease tmp:
2011-02-11_09:22:06 -> Update status: Samsung SGH-A867
2011-02-11_09:22:08 -> No need to decrease tmp:
2011-02-11_09:22:08 -> Update status: Samsung SGH-A867
2011-02-11_09:22:10 -> No need to decrease tmp:
2011-02-11_09:22:10 -> Update status: Samsung SGH-A867
2011-02-11_09:22:12 -> No need to decrease tmp:
2011-02-11_09:22:12 -> Update status: Samsung SGH-A867
2011-02-11_09:22:14 -> No need to decrease tmp:
2011-02-11_09:22:14 -> Update status: Samsung SGH-A867
2011-02-11_09:22:16 -> No need to decrease tmp:
2011-02-11_09:22:16 -> Update status: Samsung SGH-A867
2011-02-11_09:22:18 -> No need to decrease tmp:
2011-02-11_09:22:18 -> Update status: Samsung SGH-A867
2011-02-11_09:22:21 -> No need to decrease tmp:
2011-02-11_09:22:21 -> Update status: Samsung SGH-A867
2011-02-11_09:22:23 -> No need to decrease tmp:
2011-02-11_09:22:23 -> Update status: Samsung SGH-A867
2011-02-11_09:22:25 -> No need to decrease tmp:
2011-02-11_09:22:25 -> Update status: No Phone
2011-02-11_09:22:25 -> Updated Infor: [PASS]
2011-02-11_09:22:27 -> No need to decrease tmp:
2011-02-11_09:22:27 -> Update status: No Phone
2011-02-11_09:22:29 -> No need to decrease tmp:
Save
Cancel

Figure 37: History window interface

You can see history of each ZeroIT box.

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3.6 History of each ZeroIT box

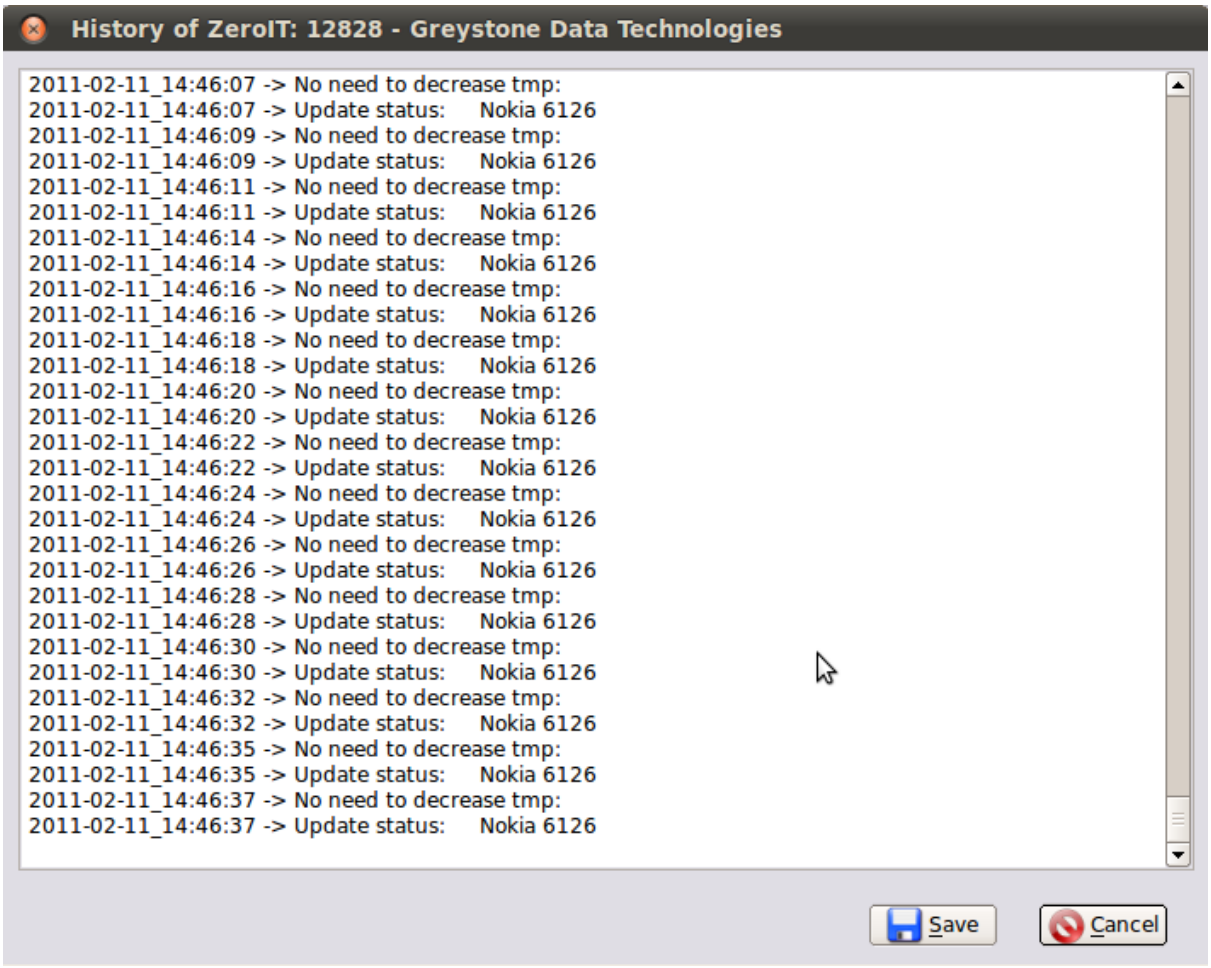

Figure 38: History of each ZeroIT box

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3.7 System Options

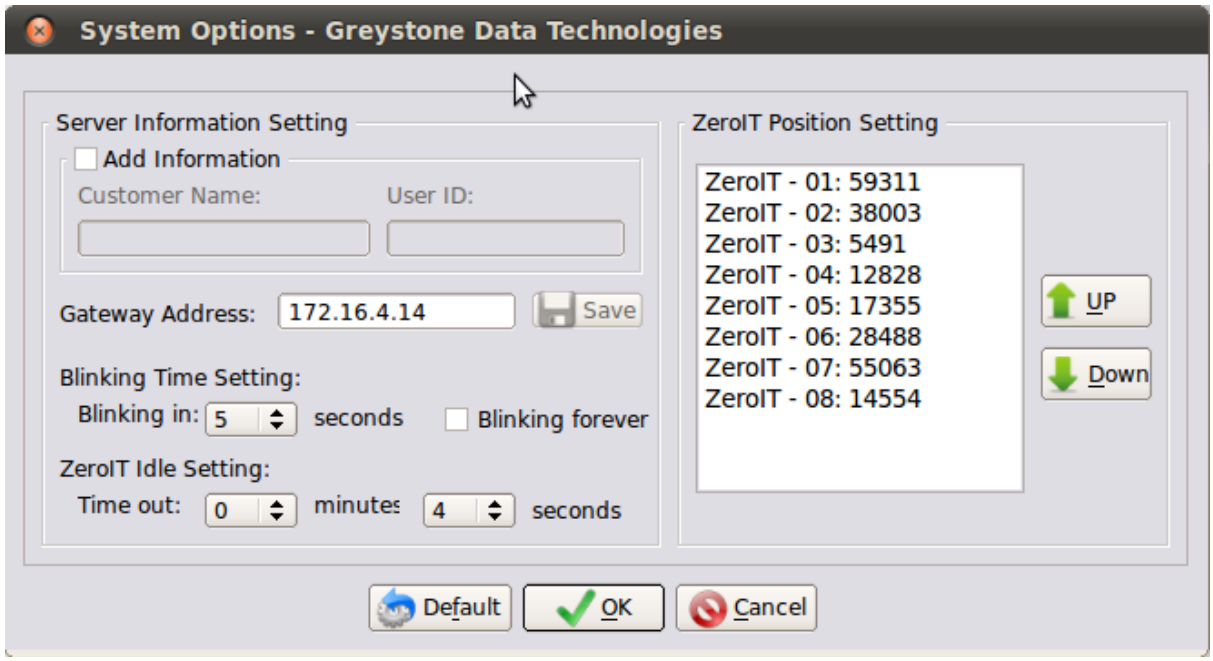

Figure 39: System Options interface

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3.8 Add New Account

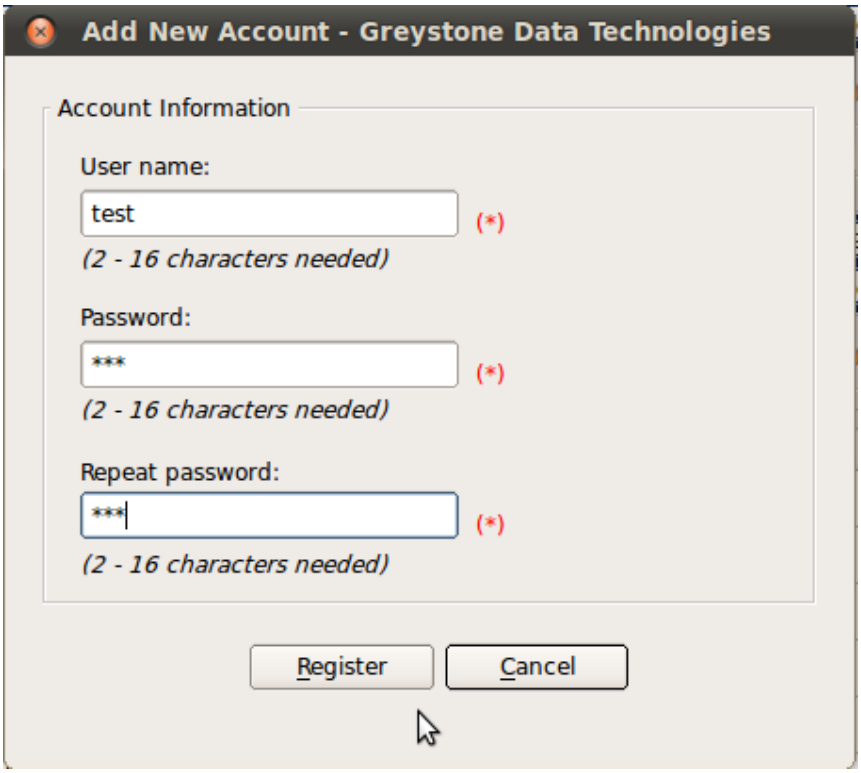

Figure 40: Add New Account

3.9 BlackBerry Erasement Options:

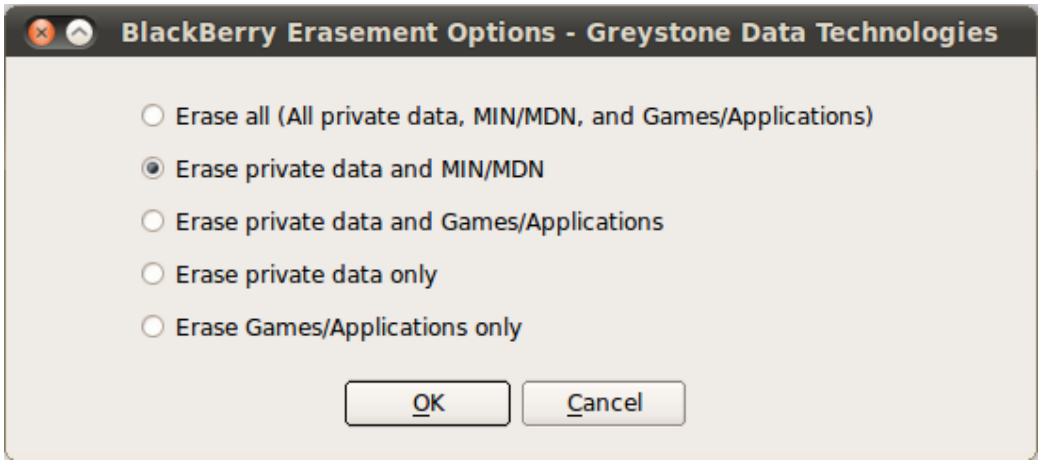
BlackBerry Erasement Options - Greystone Data Technologies
Erase all (All private data, MIN/MDN, and Games/Applications)
Erase private data and MIN/MDN
Erase private data and Games/Applications
Erase private data only
Erase Games/Applications only
OK
Cancel

Figure 41: BlackBerry Erasement Options window interface

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3.10 Registration

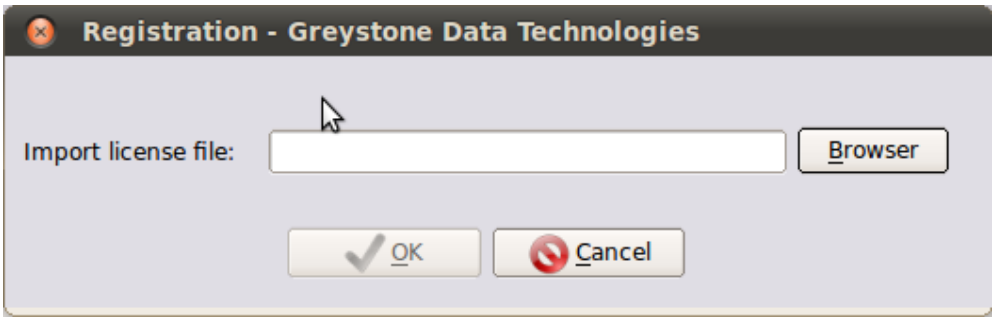

Figure 42: Registration window interface

4 FAQ

Q1. How do I setup the ZeroIT-8 Management program?

A1. Following are steps to setup the ZeroIT-8 Management software:

Note: You must have root permission.

Step 1: Download files "ZeroIT.rar" and extract
Step 2: Copy folder "ZeroIT" to "/home/greystone/
Step 3: Click right mouse on Desktop and choice "Konsole"
Step 4: Type command: **chmod –R 777 ZeroIT** ➔ Enter
Step 5: Type command: **cd /home/greystone/ZeroIT** ➔ Enter
Step 6: Type command: **./install** ➔ Enter
Step 7: Enter password of root ➔ Enter
Step 8: Type command: **yes** ➔ Enter to reboot system

Q2. How do I start the ZeroIT-8 Management program?

A2. Double click left mouse on shortcut link "ZeroIT-8 Management" on the Desktop.

In the first time, you need in put Registration Number to register the ZeroIT-n Management software

Step 1: Start program, the new window will appear

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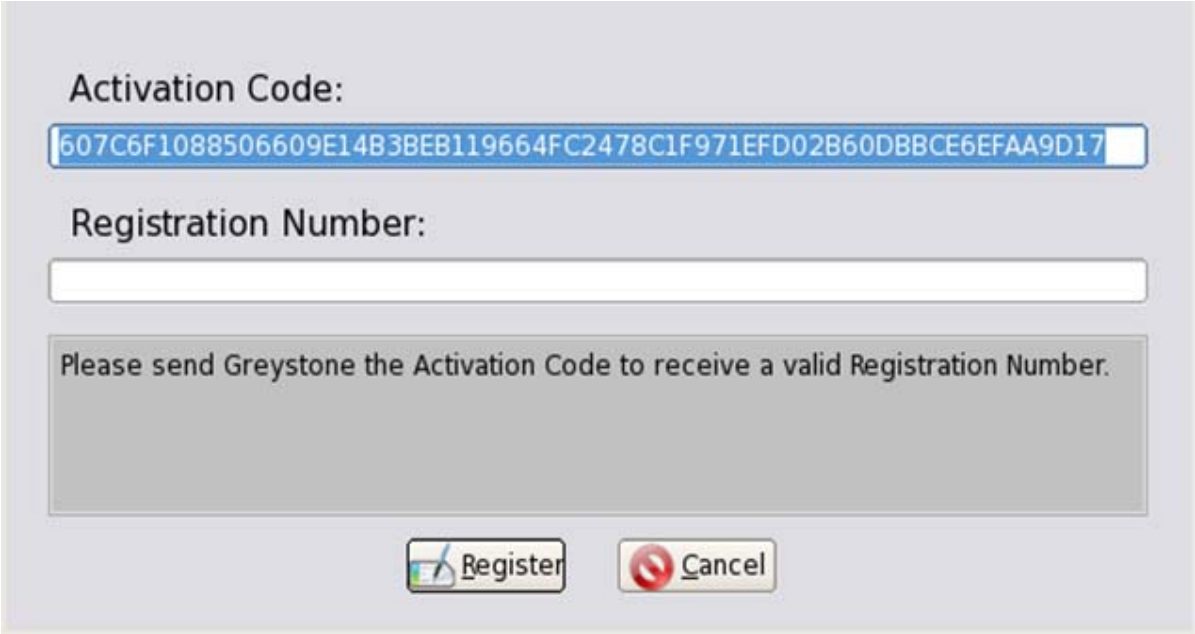

Figure 43: Get the Activation Code

Step 2: Copy Activation Cod and send to us to get the Registration Number
Step 3: Input Registration Number

Figure 44: Register the Registration Number

Step 4: click button “Register” and appear this message

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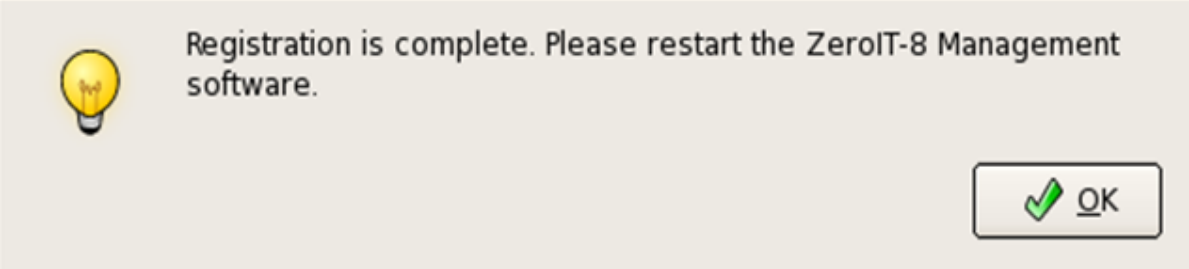

Figure 45: Registration is complete

Step 5: click button "OK"
Step 6: Exit program and start it again

Q3. What do I do if the shortcut line on desktop was deleted?

A3. You can restore shortcut link "ZeroIT-8 Management" on the Desktop.
Step 1: Click right mouse on Desktop and choice "Konsole"
Step 2: Type command: **cd /home/greystone/ZeroIT** ➔ Enter
Step 3: Type command: **./shortcutZeroIT.sh** ➔ Enter

Q4. How do I upgrade new firmware for ZeroIT boxes?

A4. If you have a internet connection you can Download new firmware of ZeroIT box from Greystone Server (see detail in ***use case 2.15***) else you must copy files of new firmware to folder "**/home/greystone/FW_VERSION**".

Note: If folder "FW_VERSION" does not exist, you can create new folder by following steps:
Step 1: Double click left mouse on shortcut link "greystone's Home" on the Desktop
Step 2: Click right mouse ➔ Create New ➔ Folder, Enter name of folder is "**FW_VERSION**"

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